

2023
Zinestuck Jam

Xeno Zine

Featuring: ifer
Shye Pierrot
Sapphire/Oliver

Troll



ofer
2023

Troll blood and their other various tissues, fluids, etc are not pigmented with their bloodcolour. Instead, the colour is structural, from a type of crystalline structure whose refraction length varies via the temperature at its creation. Hemocolour, therefore, is a function of body temperature and not the reverse. Like some animals on Earth for whom nest temperature decides a hatchling's sex, a troll's base body temperature is determined by that of their egg before hatching. Variety is the aim of the game here as body temperature, and the colour that bears witness to it, have important functions.

One of the most important is the immune system, of both the individual troll and the race at large. While humans inherit theirs directly from their progenitors and avoid huge outbreaks with their A/B antigens and the presence or absence of Rh factor proteins, trolls tie this sort of variance to their hemocolour. With the large antigen and temperature variety, it is very difficult for an illness to be able to comfortably incubate in the bodies of multiple tiers of the hemospectrum, let alone permeate all of it. Most, therefore, have to specialize, which vastly reduces their potential to spread.

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THE DIFFERENCES BETWEEN SHALLOW AND DEEP SEA DWELLERS

Although most sea dwellers will be shallow sea dwellers, a select few will be what is known as deep sea dwellers. This is not determined by blood but rather their lusus (all fuchsia blood are thus able to live in both depths in part due to Gl'bgolyb residing both in the deepest depths and some of the shallows).

Bioluminescent “freckles” are a common trait for deep sea dwellers as an easy way for not only their lusus to locate them, but also to attract prey when they’re old enough to hunt. Their swim bladders are also either very small or collapsable in order to survive under the pressure of the deep seas but not nonexistent so that they can surface with little issue. As with all sea dwellers, deep sea dwellers have eyelids that allow them to see underwater but deep sea dwellers’ eyelids, similar to their freckles, are bioluminescent and the same colour as their blood opposed to clear.

Shallow sea dwellers will have larger swim bladders and it is rare for them to have bioluminescent features. Instead, they may have more pops of colour on their bodies if they live in tropical environments or be more muted and dull visually in colder climates.

The differences
Between Shallow
& Deep Sea Dwellers
(Visual example: Feferi Piexes)

Shallow
Sea Dweller

Deep
Sea Dweller
(in darkened room
for clarity)



Trolls are an arthropoid species with development roughly homologous to that of holometabolous Earth insects like Butterflies. That is, a complex type of growth where the larva is entirely different from the adult, with a pupal stage in-between where the grub is completely liquefied. The troll emerging from this metamorphosis, unlike butterflies, is a juvenile that still has a lot of growing before maturity.

Juvenile and adult trolls, much like Earth vertebrates, have an internal skeleton, which they evolved convergently in a similar fashion to how turtles evolved outer ones. But they still have exoskeletons, which means growth must be accomplished by molting. This involves growing a new shell under the old one, then shedding and pumping it up to a bigger size than the last.

Like lobsters, trolls continue molting and growing throughout their lives. And like lobsters, this gets more difficult and even dangerous the larger they get. Luckily for the long-lived, there is a solution. In times of hardship, a new molt may be smaller than the old one. Thus, by restricting food intake or increasing stress a troll can keep themselves at a manageable size. The Condesce in particular is known to prefer a relatively small stature only two or three times that of an average conscript-age troll.

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Troll Feet

ifv

Ankle joints

Claw (immobile)

Grippy
springs
← setae
(hairs)

Toe



Troll Biology Study



The alien species known as trolls are a humanoid alien species that have traits that can be identified as mammalian/insectizoid mixed traits along with unfamiliar ones that are known to few or NO earth animalia at all.

It seems that trolls have a very unie gender variety, biologically and socially, all of the trolls who seem to identify with a gender seem to be quite loose about the label.

A very interesting study related to their different blood colors is thattheir hair can sometimes inherit the color of their blood, some more prominent then others.

Another recent understanding is that trolls insectizoid traits came fromthe Mothergrub, a large and strange larva of unknown origin, that evolusionized the trolls from a very rodent-like form.

The lusus fluke is a class of symbiotic flatworm with a complex multi-stage lifecycle that requires at least two hosts - a definitive host of the sapiens Troll caste in which the fluke reproduces, and an intermediate host where it matures.

Nearly all Trolls of the sapiens caste - the bipedal candy-horned sophonts that most people think of when they hear the word "Troll" - are carriers of the fluke, but it does them no harm. The main notable difference being the wide array of colours - known as "blood colours" their tissues and fluids can present with. While it is easy to assume this is natural, the colour is actually due to the fluke and not the trolls themselves.

Intermediate hosts vary wildly, with different species of fluke having evolved to live in hosts with certain ranges of core body temperature. And unlike the definitive hosts, intermediate hosts exhibit several significant changes in morphology and behaviour; becoming wholly unique gestalt creatures known as "Lusus naturae". Losing all pigmentation except that of the fluke and turning a stark white, they then migrate to a brood cavern and choose a Troll grub displaying the colour of their own fluke species to raise to maturity, often using instincts and brainpower not found in the base species.

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The anatomy of leprechauns

Leprechauns are a curious species of alien. Their skin feels like felt and according to certain humans they look and move similar to "muppets". Their blood is a similar consistency and stickiness to jam and according to some sources that wish to stay anonymous it taste like "the most god awful combination of luck charms cereal & the tin from those shitty chocolate coins".

-an exert from the
encyclopedia of known
aliens & xenos by



Felt

Displaying

Number

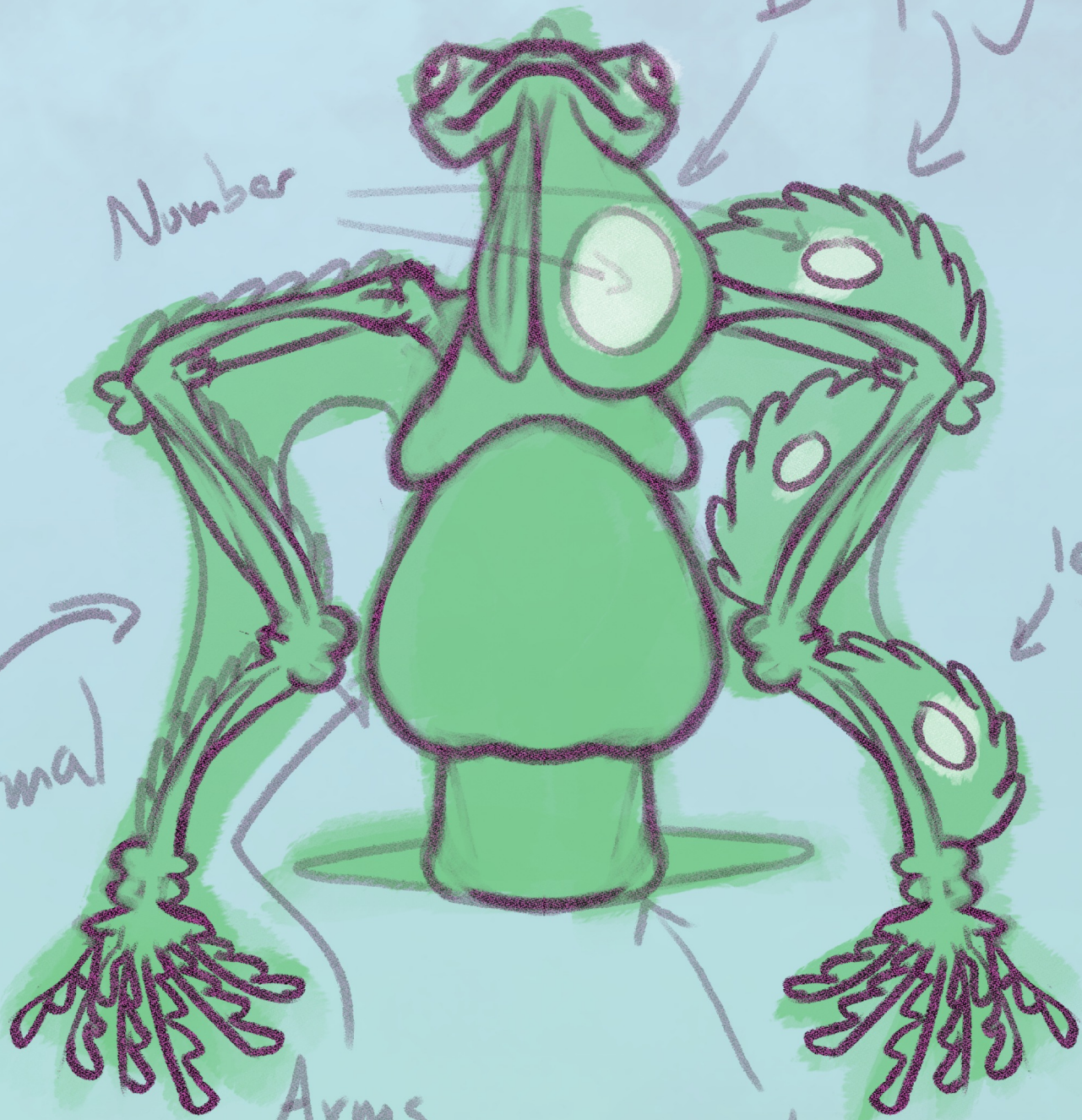
Normal

leg

Arms
not done yet
but will go
around here

tail
(weight-bearing)

fer



Frogs, as we all know, are a universal constant due to their role in SBurb's creation of universes.

All planet rewards include frogs, as do all planets that qualify to host sessions, but their specific evolutionary histories may vary on a case-by-case basis so long as the end result is the same. This process causes these planets to also have a variety of related organisms, and it is from these that SBurb chooses the design of the consorts.

Consorts, being required to provide specific information and quests to the players, have more in common with AI than even the Carapacians, which were an extant semi-biological sophont only co-opted for SBurb's purposes and not created wholecloth like the Consorts are.



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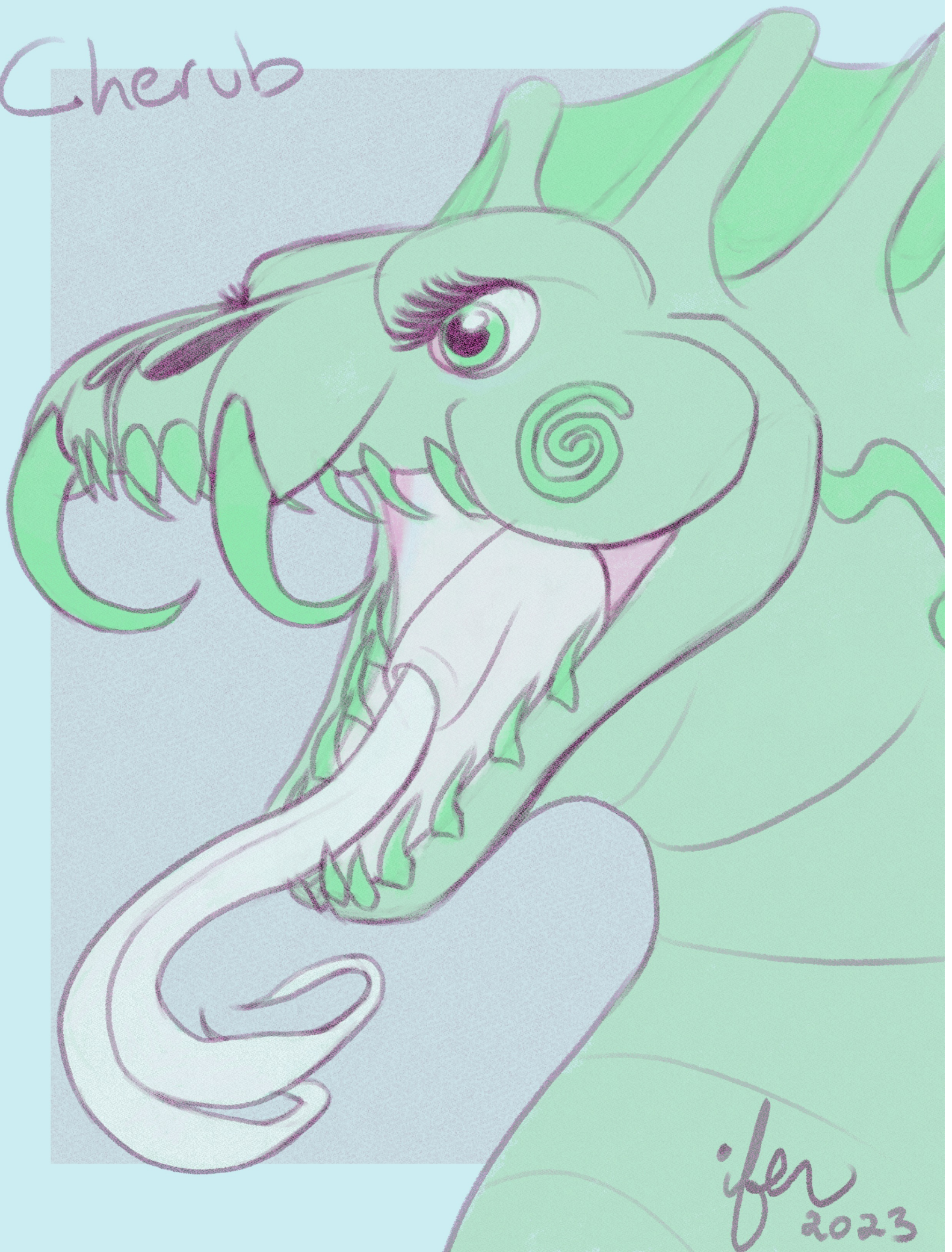
Carapacial
Pawn



They have
arms,
I just
haven't
finalized
the design

ifer
2023

Cherub



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Galleries: artbyifer on tumblr/patreon



A Treatise on Blood Colour
Custodial Symbiosis: The Lusus Fluke
An Overview of Aging and Pupation in Trolls
Frogs: What are Consorts?
The Sketchiest Pyrope, ft a Troll
Pearlescence is Hard, ft a Carapacian
This Man is not Dapper, ft a Felt
Cottonmouth Cherub

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The anatomy of leprechauns

The differences between shallow and deep sea swellers